

Abstract

A rack-and-pinion electro-steering system, particularly for motor vehicles, has a rack extending in a housing, which is operatively connected to a thrust member/pinion pairing. At least one bearing between the rack and the housing is provided for guiding the rack. According to the present invention, the bearing is designed as a friction bearing. This is because experiments have shown that a construction of the bearing between the rack and the housing as a sliding bearing is suited particularly well for a reliable, durable and cost-effective guidance of the rack in the housing. In addition, for mounting the sliding bearings on the rack, a lock geometry is provided by which the sliding bearings may be locked after having been mounted on the rack. The lock geometry for example may be based on the lock geometry customary in sealing rings in automatic transmissions.

(Figure 1)